



EROSION AND SEDIMENT CONTROL LEGEND			
NO.	TITLE	KEY	SYMBOL
3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE	
3.05	SILT FENCE	SF	
3.08	CULVERT INLET PROTECTION	CIP	
3.09	TEMPORARY DIVERSION DIKE	DD	
3.13	TEMPORARY SEDIMENT TRAP	ST	
3.18	OUTLET PROTECTION	OP	
3.20	ROCK CHECK DAMS	CD	
	TREE PROTECTION	TP	
	DRAINAGE DIVIDE		

EROSION AND SEDIMENT CONTROL NARRATIVE

DESCRIPTION OF SITE

THE PROJECT CONSISTS OF THE CONSTRUCTION OF THE WOODS ROAD UNIT SCREENING BERMS, EXCAVATION OF THE PHASE 1A CELL, STORMWATER PONDS SB-4 AND SB-5, DRAINAGE CHANNELS, DIVERSION BERMS AND THE CITIZENS CONVENIENCE CENTER. THE TOTAL AMOUNT OF DISTURBED AREA, INCLUDING THE STOCKPILE AREA AND ALL STAGING AREAS AND ACCESS ROADS, IS APPROXIMATELY 94 ACRES. ALL EROSION AND SEDIMENT CONTROLS SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, THIRD EDITION, 1992.

DATE OF CONSTRUCTION

2008

LAND CONSERVATION PROGRAM

- NO DISTURBED AREA SHALL BE DENUDE FOR MORE THAN 30 DAYS.
- CUT AND FILL SLOPES SHALL BE GRADED AT A MAXIMUM SLOPE OF 3:1.
- NO MORE THAN 500 FEET OF TRENCH CAN BE OPEN AT ONE TIME.
- EARTH DIVERSION BERMS ARE TO MAINTAIN POSITIVE DRAINAGE TO THE DISCHARGE LOCATION.
- DENUDE AREA WILL BE STABILIZED WITHIN 7 DAYS AFTER FINAL GRADE IS ESTABLISHED.
- DENUDE AREA WILL BE STABILIZED WITHIN 7 DAYS IF AREA IS TO BE LEFT IDLE FOR MORE THAN 30 DAYS.

PHASING OF LAND DISTURBANCE ACTIVITIES

FIRST PHASE

THE FIRST PHASE OF CONSTRUCTION SHALL CONSIST OF THE INSTALLATION OF THE CONTRACTOR ACCESS ROAD AND THE EROSION AND SEDIMENT CONTROLS SHOWN ON THIS SHEET, FOLLOWED BY THE EXCAVATION OF THE DRAINAGE CHANNEL TO SB-5 AND THE CONSTRUCTION OF SB-5. THE REMAINING PHASE 1 DRAINAGE CHANNELS ARE TO BE EXCAVATED AND SB-4 CONSTRUCTED.

SECOND PHASE

THE SECOND PHASE OF CONSTRUCTION SHALL CONSIST OF THE EXCAVATION OF THE LANDFILL CELL AND THE CONSTRUCTION OF THE SCREENING BERMS, THE REMAINING DRAINAGE CHANNELS AND THE STABILIZATION OF THE SITE. THE SITE WILL BE STABILIZED BY INSTALLING THE EROSION CONTROL MEASURES SHOWN ON SHEETS 31-34 AND MAINTAINING THE EXISTING EROSION CONTROL MEASURES INSTALLED IN THE FIRST PHASE.

STORMWATER RUNOFF

THE NEW PONDS SB-4 AND SB-5 WILL BE CONSTRUCTED WITH THIS PROJECT TO CONTROL STORMWATER RUNOFF FROM THE EXISTING LANDFILL CELLS AS WELL AS FUTURE CELL CONSTRUCTION. THE OUTFLOWS FROM EXISTING SB-1, SB-4 AND SB-5 ARE THE ONLY THREE DISCHARGE POINTS FOR STORMWATER RUNOFF FROM THE LANDFILL.

NOTES

- UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE LATEST EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.
- THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRECONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITIES, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.
- ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.
- A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
- PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN THE AREAS OTHER THAN INDICATED ON THESE PLANS, THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.
- THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.
- ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.
- DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.
- THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.
- LFG WELLS AND MONITORING WELLS SHALL BE PROTECTED AT ALL TIMES DURING CONSTRUCTION.
- "THE LOUDOUN COUNTY INSPECTOR SHALL HAVE THE AUTHORITY TO ADD OR DELETE EROSION AND SEDIMENT CONTROLS AS NEEDED IN THE FIELD, AS CONDITIONS WARRANT. IN ADDITION, NO SEDIMENT TRAPS OR BASINS MAY BE REMOVED WITHOUT PRIOR APPROVAL OF THE COUNTY INSPECTOR." (VESCH CHAPTER 7, 10.1-563(C))



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EROSION AND SEDIMENT CONTROL PLAN PHASE 1

WOODS ROAD DISPOSAL UNIT
PRIMARY INFRASTRUCTURE

LOUDOUN COUNTY, VIRGINIA

PLAN STATUS		
DATE	DESCRIPTION	
GA	GA	F
DESIGN	DRAWN	CHK
SCALE	H: 1" = 100'	
	V:	
DATE 01/22/08		
27 OF 4		
SHEET		